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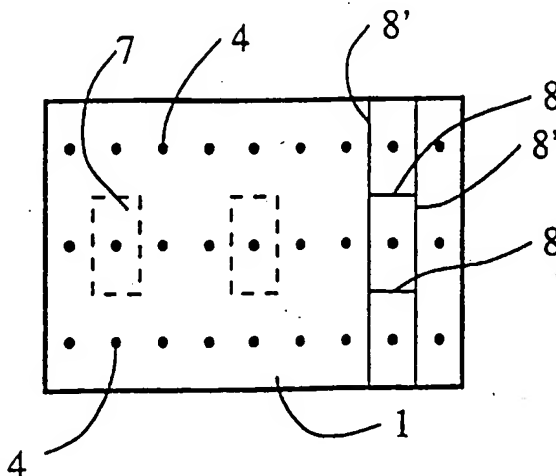
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(54) Title: METHOD AND APPARATUS FOR OBTAINING A TOMOGRAPHIC IMAGE

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(57) Abstract: A method of obtaining a tomographic image by using radioactive radiation. In accordance with the invention a method is used wherein a measuring cavity is used comprising an array of pinholes, wherein an axial component of the distance between two neighbouring pinholes is smaller than the distance between two neighbouring pinholes which in relation to the axial direction are situated in a transversal plane, behind a pinhole Pi detection means are placed, and that means are provided to limit the chance that via pinhole Pi radiation reaches any detection means other than detection means Di. The invention also relates to a suitable apparatus.